

ANNALS *of* PHYSICS

Editor

Herman Feshbach

Assistant Editors

Henry Ehrenreich

Roman W. Jackiw

Arthur M. Jaffe

Editorial Council

A. Arima

S. E. Koonin

R. V. Pound

D. Brink

L. Okun

D. Scalapino

J. Eisenberg

J. P. Ostriker

F. Wilczek

J. A. Golovchenko

J. Peoples, Jr.

C. M. Will

L. Kadanoff

E. Picasso

K. Wilson

Founding Editors

Philip M. Morse

Bernard T. Feld

Herman Feshbach

Richard Wilson

VOLUME 208 • 1991



ACADEMIC PRESS, INC.

Harcourt Brace Jovanovich, Publishers

San Diego New York Boston

London Sydney Tokyo Toronto

Copyright © 1991 by Academic Press, Inc.

ALL RIGHTS RESERVED

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc. (27 Congress Street, Salem, Massachusetts 01970), for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Copy fees for pre-1991 articles are as shown on the article title pages; if no fee code appears on the title page, the copy fee is the same as for current articles.

0003-4916/91 \$7.50

This journal is printed on acid-free paper.



Printed by Catherine Press, Ltd., Brugge, Belgium

CONTENTS OF VOLUME 208

NUMBER 1, MAY 15, 1991

F. LENZ, M. THIES, S. LEVIT, AND K. YAZAKI. Hamiltonian Formulation of Two-Dimensional Gauge Theories on the Light Cone	1
ABRAHAM KLEIN, NIELS R. WALET, AND G. DO DANG. Classical Theory of Collective Motion in the Large Amplitude, Small Velocity Regime . . .	90
R. FRIEDBERG, T. D. LEE, AND H. C. REN. A Correction to Schafroth's Superconductivity Solution of an Ideal Charged Boson System.	149
A. J. KONING AND J. M. AKKERMANS. Randomness in Multi-step Direct Reactions	216
ABSTRACTS OF PAPERS TO APPEAR IN FUTURE ISSUES	251

NUMBER 2, JUNE 1991

TH. A. RIJKEN. Soft Two-Pion-Exchange Nucleon-Nucleon Potentials	253
A. JOYE, H. KUNZ, AND CH.-ED. PFISTER. Exponential Decay and Geometric Aspect of Transition Probabilities in the Adiabatic Limit	299
P. LEBCEUF, D. C. MEREDITH, AND M. SARACENO. Quantum Localization on Classical Periodic Orbits	333
M. BUBALLA, S. DROŹDŹ, S. KREWALD, AND J. SPETH. Nuclear Electromagnetic Response within Continuum RPA Theory	346
CARLES AYALA. Comments on the Treatment of the QCD SVZ- and FE-Sum Rules	376
N. L. BALAZS, T. CSÖRGÖ, B. LUKÁCS, AND J. ZIMÁNYI. Effects of Asymmetry in String Fragmentation	402
ANTON AMANN. Ground States of a Spin-Boson Model	414
P. MENOTTI AND D. SEMINARA. The Radial Gauge in 2+1 Dimensional Gravity	449
HIDEO SUGANUMA AND TOSHITAKA TATSUMI. On the Behavior of Symmetry and Phase Transitions in a Strong Electromagnetic Field	470
ABSTRACTS OF PAPERS TO APPEAR IN FUTURE ISSUES	509
AUTHOR INDEX FOR VOLUME 208	511

